

The United States Electrical Tool Co.

2463 W. Sixth Street, Cincinnati, Ohio

Manufacturers of

Electrically Driven Drills and Grinders

United States electric tools have been on the market for over 30 years. Their performance, through rugged design and careful workmanship, has built a reputation that is world wide.



The name, The United States Electrical Tool Company, stands for merit and honest value in all tools upon which it is stamped.

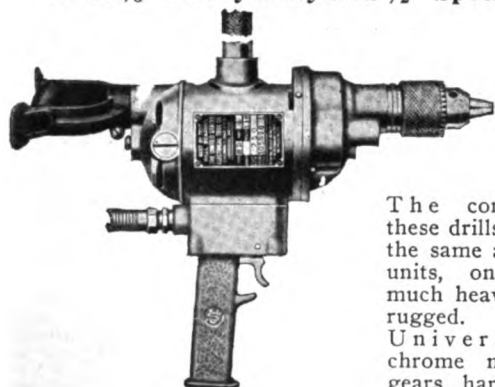
U. S. $\frac{1}{4}$ " Special, $\frac{1}{4}$ " Regular, $\frac{1}{4}$ " Heavy Duty and $\frac{5}{16}$ " Drills



The motors of these drills are universal and will operate on Alternating or Direct current of the same voltage. Commutator brushes accessible from outside. Armature runs on S. K. F. Ball Bearings, gears are made of chrome nickel steel, heat treated, run in grease-tight compartment. Chuck is Jacobs, threaded back. Thrust bearing is S. K. F. Ball. Keyless chucks can be furnished upon request without extra charge.

	$\frac{1}{4}$ " Special	$\frac{1}{4}$ " Reg.	$\frac{1}{4}$ " H.D.	$\frac{5}{16}$ "
Capacity in Metal....	$\frac{1}{4}$ "	$\frac{1}{4}$ "	$\frac{1}{4}$ "	$\frac{1}{4}$ "
Capacity in Wood....	$\frac{1}{4}$ "	$\frac{1}{4}$ "	$\frac{1}{4}$ "	$\frac{1}{4}$ "
Weight	4 $\frac{1}{4}$ lbs.	5 $\frac{1}{4}$ lbs.	7 lbs.	7 lbs.
Full Load R.P.M....	2000	2000	2000	1000
Dimensions	10 $\frac{1}{2}$ "x2 $\frac{3}{4}$ "	12"x3 $\frac{3}{4}$ "	13"x3 $\frac{3}{4}$ "	10"x3 $\frac{3}{4}$ "

U. S. $\frac{3}{8}$ " Heavy Duty and $\frac{1}{2}$ " Special Drills



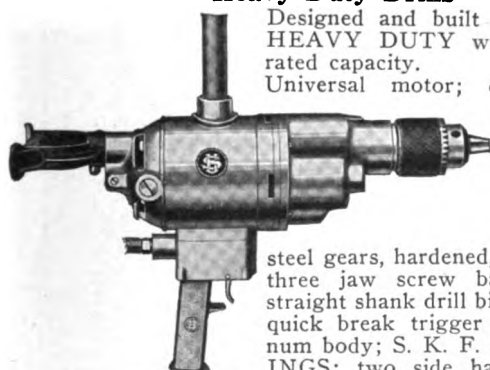
The construction of these drills is practically the same as the smaller units, only they are much heavier and more rugged.

Universal motor; chrome nickel steel gears, hardened, run in

grease; quick made, quick break 2 pole trigger switch; three jaw screw back chuck for straight shank drill bits; aluminum body; S. K. F. BALL BEARINGS; two side handles—one removable; combination breast plate and spade handle; 12 feet flexible rubber covered cable and armored attachment plug.

	$\frac{3}{8}$ " H. D.	$\frac{1}{2}$ " Special
Capacity in Steel.....	$\frac{3}{8}$ "	$\frac{1}{2}$ "
Capacity in Hardwood.....	$\frac{3}{8}$ "	$\frac{1}{2}$ "
Weight	14 lbs.	14 $\frac{1}{2}$ lbs.
Full Load R.P.M....	750	450
Dimensions	4 $\frac{1}{2}$ "x16"	4 $\frac{1}{2}$ "x16 $\frac{1}{2}$ "

U. S. $\frac{1}{2}$ " Heavy Duty, $\frac{5}{8}$ ", $\frac{3}{4}$ " Special and $\frac{3}{4}$ " Heavy Duty Drills



Designed and built for continuous HEAVY DUTY work at its full rated capacity.

Universal motor; chrome nickel

steel gears, hardened, run in grease; three jaw screw back chuck for straight shank drill bits; quick make, quick break trigger switch; aluminum body; S. K. F. BALL BEARINGS; two side handles—one removable; combination breast plate and spade handle; 12 feet flexible rubber covered cable and armored attachment plug.

	$\frac{1}{2}$ " H. D.	$\frac{3}{4}$ "	$\frac{3}{4}$ " Special	$\frac{3}{4}$ " Heavy Duty
Capacity in Steel.....	$\frac{1}{2}$ "	$\frac{3}{4}$ "	$\frac{3}{4}$ "	$\frac{3}{4}$ "
Cap. in Hardwood.....	$\frac{1}{2}$ "	$\frac{3}{4}$ "	$\frac{1}{2}$ "	$\frac{1}{2}$ "
Weight	22 lbs.	23 $\frac{1}{2}$ lbs.	18 lbs.	23 $\frac{1}{2}$ lbs.
Full load, R.P.M....	450	400	450	400
Dimensions	5"x18"	5"x19"	4 $\frac{1}{2}$ "x19"	5"x24"

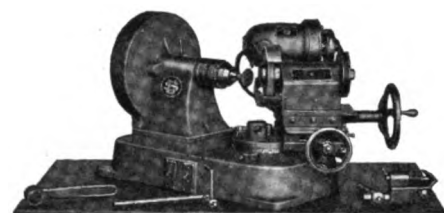
Three-wire cable with plug.....\$2.50 extra
Higher speeds can be furnished at.....\$2.50 extra

U. S. Model "AA" Valve Refacer

The Model "AA" valve refacer is equipped with two universal motors for operation on direct or alternating current of 60 cycles or less, is designed to take any valve with stem of $\frac{5}{8}$ " diameter or less, any length, can be set for any angle valve 0 to 75 degrees.

The grinding wheel spindle runs on S. K. F. BALL BEARINGS and is driven through fabric belt from the driving unit mounted on common base with the spindle housing.

The valve holding spindle runs on ball bearings and is belted to driving motor; this insures smooth operation. An automatic belt tightener eliminates intermittent belt tension adjustment.



Standard equipment includes diamond wheel dresser, V block for truing valve stem ends, Cutter resharpener indexing support and electrical connections complete.

Our line also includes a Pressed Steel Table for Model "AA" Valve Refacer.

U. S. Bench and Floor Type Grinders

U. S. Grinders can be had in any size in both Bench and Floor type. The motors are straight Alternating or Direct Current. When ordering specify voltage for D.C. and if for A.C. give voltage, cycle, and phase.



The motors are Westinghouse, 40 degree, entirely enclosed. Switch is mounted on motor body, convenient to operator. Design of switch depends upon size of unit and current specifications. Shaft is nickel steel, supported by S. K. F. Ball Bearings. Bearings are in dust-tight compartments. Guards of all models, except 6" and 7" sizes, are totally enclosed type. Standard equipment includes 2 grinding wheels, one coarse, one fine; guards; adjustable tool rests and electrical connections complete.

	$\frac{3}{4}$ "	$\frac{1}{2}$ "	$\frac{1}{2}$ "
Horsepower	$\frac{3}{4}$ "	$\frac{1}{2}$ "	$\frac{1}{2}$ "
Size Wheels.....	6"x $\frac{1}{2}$ "x $\frac{1}{2}$ "	7"x $\frac{3}{4}$ "x $\frac{3}{4}$ "	8"x1"x $\frac{3}{4}$ "
Load Speed.....	3450	3450	3450
Dimensions	14"x10"	15"x10"	16"x11"
Net Weight.....	45 lbs.	50 lbs.	115 lbs.
Horsepower	1	2	2
Size Wheels.....	10"x1"x $\frac{3}{4}$ "	12"x1 $\frac{1}{2}$ "x1 $\frac{1}{4}$ "	12"x1 $\frac{1}{2}$ "x1 $\frac{1}{4}$ "
Load Speed.....	1750	1750	1750
Dimensions	17"x15"	20"x18"	20"x18"
Net Weight.....	155 lbs.	342 lbs.	342 lbs.

Above are bench specifications. Other sizes, 14", 18", 20", 24" and 30".

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